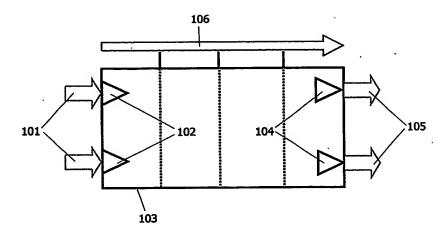
### Diagrams

### Figure 1



### Figure 2

```
unsigned count_bits(unsigned x) {
  int i, count;

  count = 0;
  for (i = 0; i < 32; i++) {
    if (x & (1 << i)) count++;
  }
  return count;
}

function() {
  ...
  count = count_bits(sample);
  ...
}</pre>
```

PCT/GB2003/002778

Figure 3

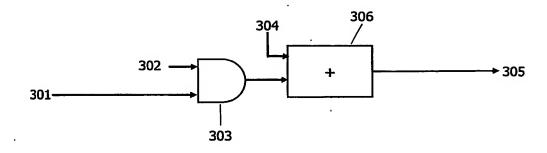


Figure 4

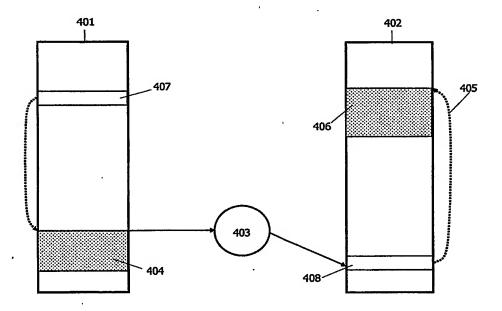


Figure 5

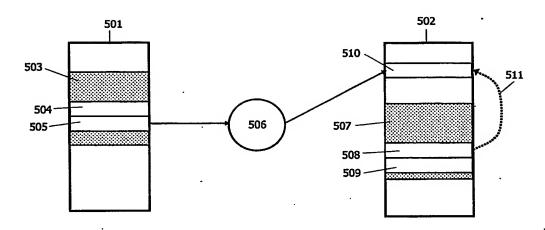
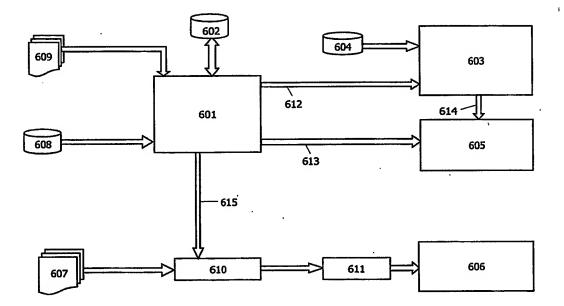


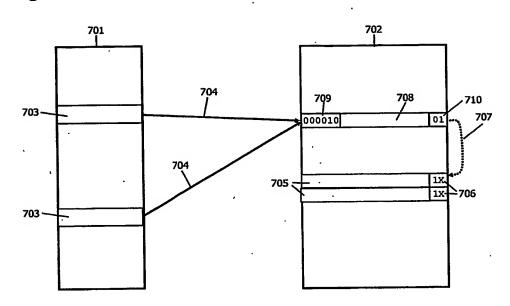
Figure 6



# Best Available Copy

PCT/GB2003/002778

Figure 7



## Figure 8

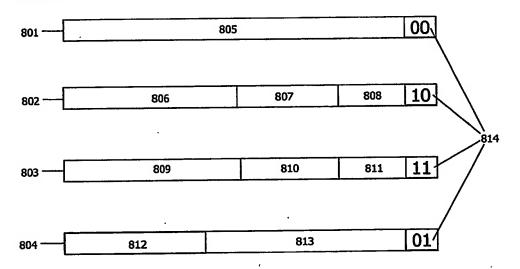


Figure 9

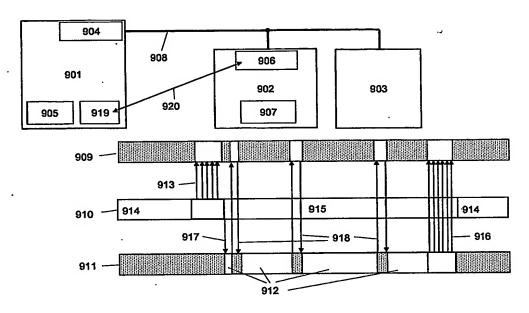
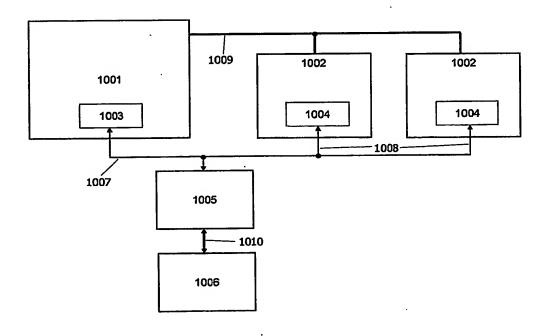


Figure 10



Best Available Copy

PCT/GB2003/002778

Figure 11

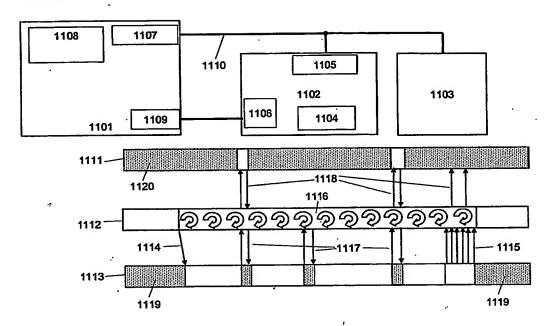


Figure 12

